

ABSTRACT OF THE DISCLOSURE

During each set-up period, wall charges of scan electrodes and sustain electrodes, between which sustain discharges were generated in the previous subfield, are adjusted, and parts toward the sustain electrodes of positive charges in the scan electrodes are replaced by negative charges and parts toward the scan electrodes of negative charges in the sustain electrodes are replaced by positive charges. During each address period, write pulses are applied to the scan electrodes to generate write discharges utilizing priming discharges between the scan electrodes and priming electrodes. During each sustain period, positive charges are accumulated in the entire surfaces of the scan electrodes and negative charges are accumulated in the entire surfaces of the sustain electrodes.